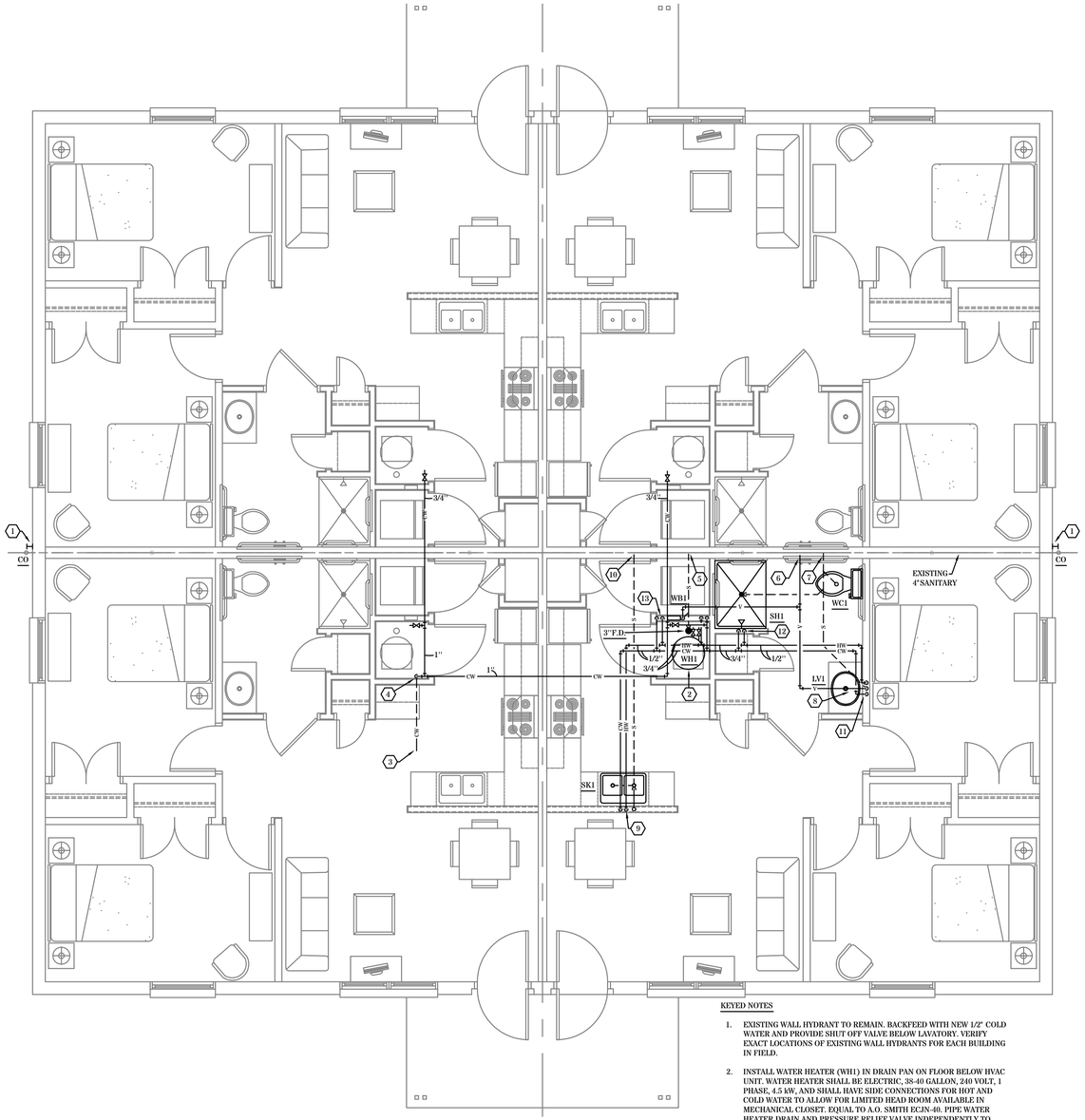

KEYED NOTES

1. EXISTING WALL HYDRANT TO REMAIN. BACKFEED WITH NEW 1/2" COLD WATER AND PROVIDE SHUT OFF VALVE BELOW LAVATORY. VERIFY EXACT LOCATIONS OF EXISTING WALL HYDRANTS FOR EACH BUILDING IN FIELD.
2. INSTALL WATER HEATER (WH1) IN DRAIN PAN ON FLOOR BELOW HVAC UNIT. WATER HEATER SHALL BE ELECTRIC, 38-40 GALLON, 240 VOLT, 1 PHASE, 4.5 kW, AND SHALL HAVE SIDE CONNECTIONS FOR HOT AND COLD WATER TO ALLOW FOR LIMITED HEAD ROOM AVAILABLE IN MECHANICAL CLOSET. EQUAL TO A.O. SMITH ECJN-40. PIPE WATER HEATER DRAIN AND PRESSURE RELIEF VALVE INDEPENDENTLY TO FLOOR DRAIN (NOT TO DRAIN PAN). PROVIDE 3/4" HOT AND COLD WATER CONNECTIONS TO HEATER.
3. PICK UP EXISTING 1" WATER SERVICE BELOW SLAB AND OFFSET TO NEAREST NEW WALL OR TO NEAREST MECHANICAL ROOM BELOW SLAB. CUT AND PATCH FLOOR AS REQUIRED. VERIFY EXACT LOCATION OF EXISTING WATER SERVICE FOR EACH BUILDING IN FIELD.
4. INSTALL NEW 1" WATER MAIN SHUT-OFF VALVE IN ACCESSIBLE LOCATION IN MECHANICAL ROOM. EXTEND 3/4" WATER MAIN TO EACH OF FOUR MECHANICAL ROOMS WITHIN EACH BUILDING AND PROVIDE SHUT-OFF VALVE FOR EACH UNIT.
5. CONNECT 3" WASTE PIPING TO EXISTING 4" SANITARY. VERIFY EXACT LOCATION OF EXISTING SANITARY FOR EACH BUILDING IN FIELD.
6. CONNECT NEW VENT TO EXISTING 3" VENT THROUGH ROOF. VERIFY EXACT LOCATION FOR EACH BUILDING IN FIELD.
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8. PROVIDE WALL CLEANOUT UNDER LAVATORY.
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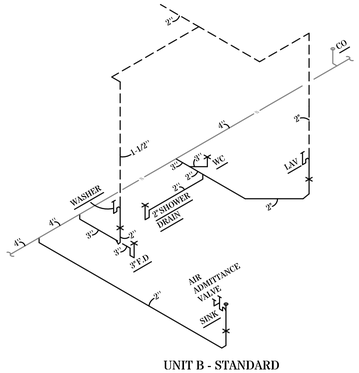
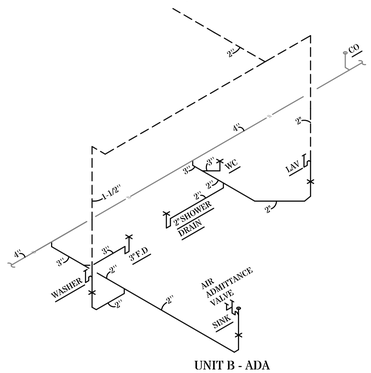
12. 1/2" HOT AND COLD WATER TO SHOWER.
13. 1/2" HOT AND COLD WATER TO WASHER SUPPLY/DRAIN BOX.



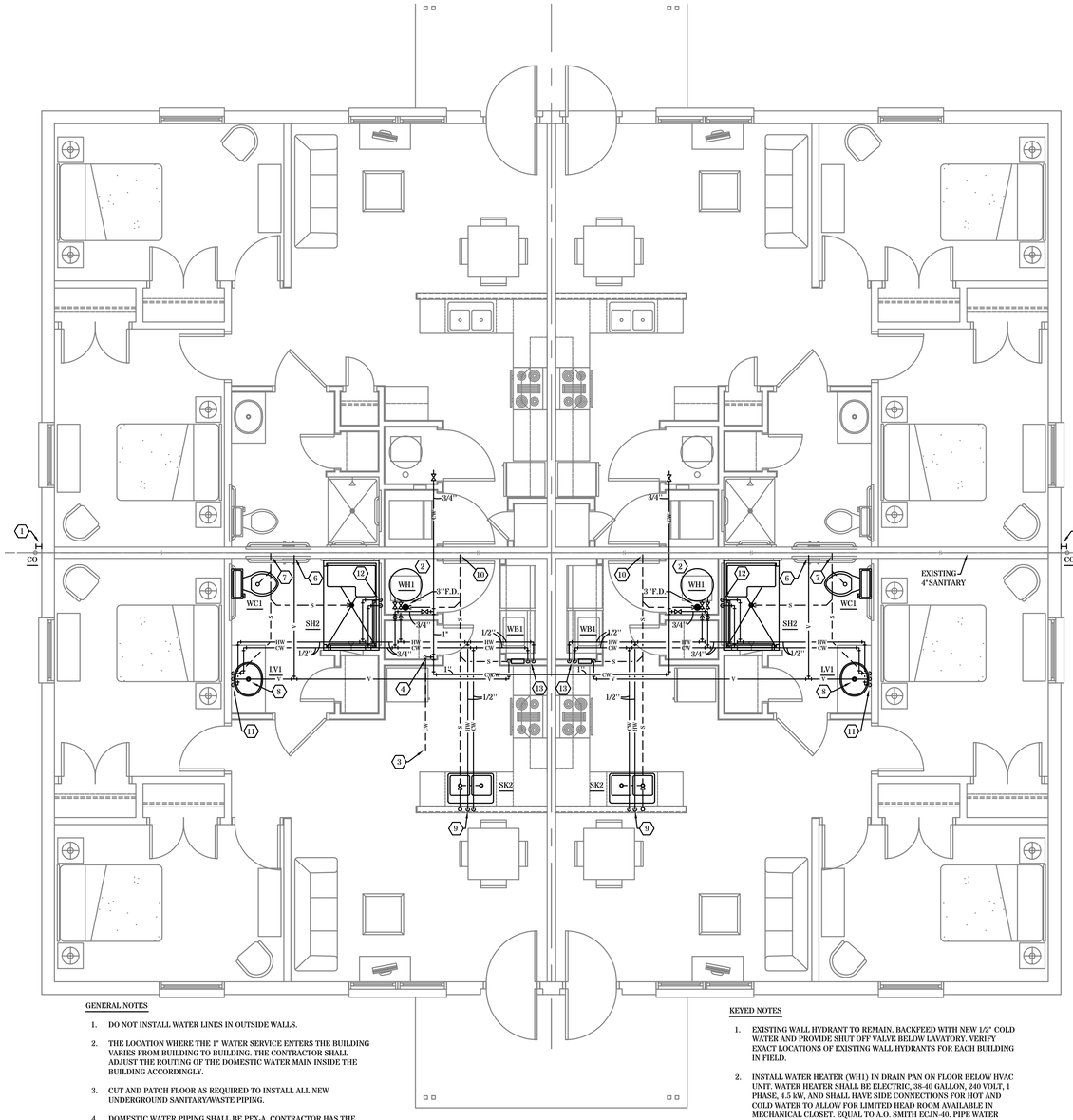
UNIT B - STANDARD
SOIL, WASTE, AND VENT RISER
NO SCALE



UNIT B - ADA
SOIL, WASTE, AND VENT RISER
NO SCALE

UNIT TYPE-B 1-BEDROOM

SCALE: 1/4" = 1'-0"



GENERAL NOTES

1. DO NOT INSTALL WATER LINES IN OUTSIDE WALLS.
2. THE LOCATION WHERE THE 1" WATER SERVICE ENTERS THE BUILDING VARIES FROM BUILDING TO BUILDING. THE CONTRACTOR SHALL ADJUST THE ROUTING OF THE DOMESTIC WATER MAIN INSIDE THE BUILDING ACCORDINGLY.
3. CUT AND PATCH FLOOR AS REQUIRED TO INSTALL ALL NEW UNDERGROUND SANITARY/WASTE PIPING.
4. DOMESTIC WATER PIPING SHALL BE PEX-A. CONTRACTOR HAS THE OPTION TO UTILIZE A "TRADITIONAL TEES/90S SYSTEM", A "MANIFOLD SYSTEM", A "MODIFIED HOMERUN SYSTEM", OR A COMBINATION OF ANY OF THE ABOVE. A "TRADITIONAL TEES/90S SYSTEM" IS SHOWN FOR PURPOSES OF THESE DRAWINGS. MINIMUM PIPE SIZE TO ANY FIXTURE SHALL BE 1/2".

PLUMBING LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—— S ——	SANITARY/WASTE PIPING	S	SANITARY
—— V ——	VENT PIPING	W	WASTE
—— CW ——	COLD WATER PIPING	V	VENT
—— HW ——	115° HOT WATER PIPING	CW	COLD WATER
—⋈—	BALL VALVE	HW	HOT WATER
● F.D.	FLOOR DRAIN	CO	CLEANOUT

KEYED NOTES

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UNIT TYPE-B/ADA 1-BEDROOM

SCALE: 1/4" = 1'-0"

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WEST LIBERTY, OHIO

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PLUMBING TYPICAL UNIT PLANS

SCALE: 1/4" = 1'-0"

EBS PROJECT #	5207
DRAWN BY	
CHECKED BY	SSS
FILE NAME	
PLOT DATE	01/09/2014

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STATE OF OHIO
SCOTT SEVERT STILKEN
E-77755
REGISTERED PROFESSIONAL ENGINEER
13 Jan 2014

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